

CLAIMS

1. A method of making a pump including a polymeric pump housing and a drive shaft mounted for rotation in a bearing, the bearing having on an exterior surface at least one engagement formation, the method including the step of moulding the pump housing around the bearing such that the housing co-operates with the engagement formation to restrict movement of the bearing with respect to the housing.
2. A method according to claim 1 wherein the polymer is a thermoplastic.
3. A method according to claim 1 or 2 wherein the housing is moulded using injection moulding.
4. A method according to any preceding claim wherein a lubricant is incorporated in the bearing prior to moulding of the housing around the bearing.
5. A method according to any preceding claim wherein the exterior surface of the bearing is generally cylindrical and the engagement formation comprises at least one circumferential groove in the exterior surface of the bearing.
6. A method according to any preceding claim wherein the shaft is received in a use position in the bearing during moulding of the housing.
7. A method according to any preceding claim wherein the bearing is a ball bearing.

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8. A method substantially as hereinbefore described with reference to the accompanying drawings.

9. A pump made using the method of claim 1.

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10. A pump according to claim 9 wherein the pump is a coolant pump for an automotive engine.

11. A pump substantially as hereinbefore described with reference to and/or
10 as shown in the accompanying drawings.

12. Any novel feature or novel combination of features described herein
and/or in the accompanying drawings.

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